

I – 1. Reuse-A-Shoe Program Results

BACKGROUND: The Reuse-A-Shoe program is an environmental and community program where old gym shoes of every brand, size and color are collected, ground up and recycled into new sports fields, tracks, playgrounds and other athletic surfaces. In 2005, the Agency entered into a Collection Agreement with Nike and the National Recycling Coalition to participate in the program.

This is the fifth year that SWALCO (Solid Waste Agency of Lake County) coordinated the program for Lake County groups. Mounds of shoes were brought in over the 1st weekend in May for the 2009 Nike Reuse-A-Shoe program. Nearly 90 groups from around Lake County participated this year including schools, village halls and public works departments, public libraries, corporate offices, park districts, Scout troops and other community groups. People from age 8 to age 80 were involved and gym shoes of all sizes and colors filled the collection bags. SWALCO collected nearly 27,000 shoes this year. Not only did we keep 27,000 shoes out of our depleting landfill space, but participating groups donated approximately 2,000 gently worn shoes to charities.

Several articles about the program appeared in local papers, etc. featuring a number of the program participants and their shoe/recycling stories. The 2009 program was very successful and there was great enthusiasm from all involved. Each participating group will be recognized with a certificate of appreciation. Scout groups will receive special shoe Scout badges and some additional eco-friendly prizes will be awarded. The program has also helped to educate the community about other SWALCO programs and services. SWALCO intends to continue to offer the athletic shoe recycling program again next year.

United Partnership of Wauconda collected over 4,000 shoes. Vernon Hills Public Works, Park District w/State Rep. Kathy Ryg collected 2,100 shoes together. Both groups have been collecting year-round. In addition, groups collecting 500 or more during the winter-spring season: Allstate Insurance Company, Jeremy Bloomfield from Aptakisic Jr. High, Butterfield School in Libertyville, Ela Area Public Library in Lake Zurich, Fremont Middle School in Mundelein, Grayslake Area Public Library, Lake County High Schools Technology Campus, Girl Scout Troop 2596 from Antioch, Mundelein Park District w/Girls Thunder Softball, Rockland Elementary School in Libertyville and Vernon Area Public Library in Lincolnshire.

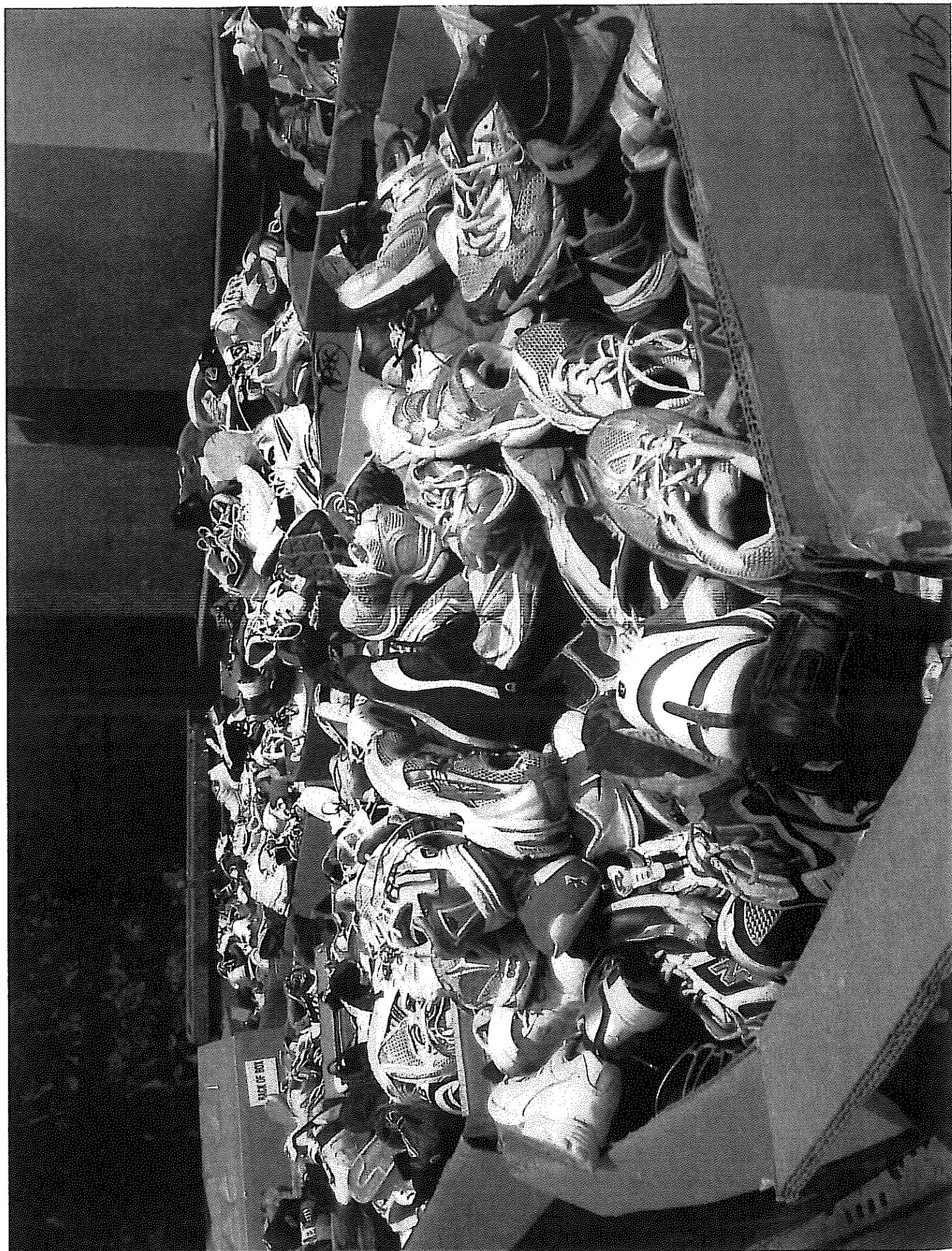
Groups who have offered to act as year-round drop off sites include: State Representative Kathy Ryg's office, the Vernon Hills Public Works, Vernon Hills Park District, Wauconda Village Hall, Wauconda Public Works, Wauconda Public Library, Wauconda District #118 Schools, Wauconda Park District, Wauconda Federated Church and the Gurnee Park District.

ENCLOSED DOCUMENTS: Photos.

STAFF: Merleanne Rampale, Public Information Officer, Peter Adrian, Recycling Coordinator







I – 2. DOT Packaging Requirements for Alkaline Batteries

BACKGROUND: The Department of Transportation (DOT) recently implemented a new packaging requirement for alkaline batteries. DOT now requires that the terminals on alkaline batteries be “secured” in a way as to prevent short circuiting before they are accepted for transport. The DOT states there are documented cases of fires and/or excess heating that have occurred during shipments as a result of the exposed battery terminals coming into contact with each other. Taping the terminals is a common practice currently used on lithium, ni-cad and metal hydride batteries. Taping eliminates the potential for short circuiting between batteries and therefore minimizes the potential for fire. Several hundred, if not thousands, of alkaline batteries are collected at a typical HCW mobile event. To comply with the requirement, additional manpower and time would be needed resulting in a significant cost impact to our HCW Program.

Alkaline batteries are classified non hazardous by EPA regulations and non regulated according to DOT. Additionally heavy metals, such as cadmium and mercury, have not been used in the manufacturing process since 1998. This manufacturing change virtually eliminates any recycling value for these batteries. In fact, the IEPA landfills alkaline batteries that are collected through the HCW Program.

Staff contacted the IEPA who was unaware of the recent DOT requirement and agreed it poses a significant and unnecessary financial burden to the Program. They did not object when staff said we will advise our population that landfilling is an acceptable disposal method and that we will discourage and work towards not accepting alkaline batteries through the HCW Program.

Therefore, unless otherwise directed, staff will work towards eliminating the collection of alkaline batteries through the HCW Program and will refer residents and others to vendors such as Battery Solutions for those who want to divert them from standard landfilling practices.

ENCLOSED DOCUMENTS: Excerpts from Veolia Environmental Services’ Battery Packaging Guidelines issued April 2009 (Pages 1 and 3).

STAFF: Steve Nelson, Household Chemical Waste Engineer and Walter Willis, Executive Director

BATTERY PACKAGING GUIDELINES

Veolia ES Technical Solutions, LLC (Veolia) has developed these guidelines for packaging batteries in an effort to provide its customers with instructions on how to safely package and ship batteries for recycling or disposal. By following these proper packaging methods, any potential hazards will be minimized while the batteries are accumulated at the generator's location as well as during transportation to a recycling or disposal facility.

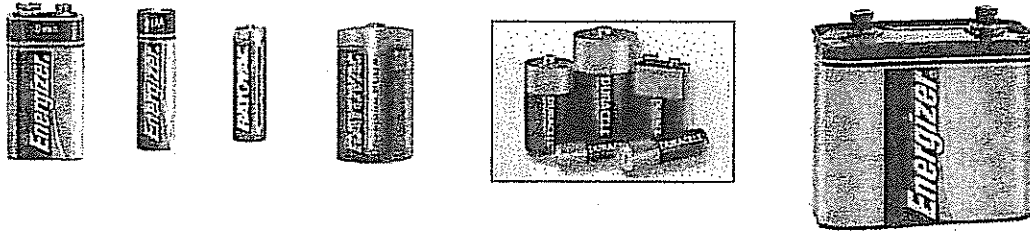
Recently there have been several incidents reported where a fire has occurred as a result of small batteries being improperly packed in a drum. Veolia's goal is to assure that all batteries it manages are properly packaged and therefore the risk of such an incident occurring is minimized.

All batteries pose potential hazards during transportation, therefore it is imperative that all batteries comply with the proper US Department of Transportation (US DOT) packaging requirements that are referenced in this document. These guidelines were specifically developed to address the shipment of batteries by highway, rail and cargo vessel. Additional requirements may apply to air shipments.

General Guidelines applicable to ALL batteries, regardless of type or size:

- Only chemically compatible battery types should be packed in the same package. Do not mix acidic batteries with alkaline batteries.
- To prevent short circuiting the US DOT has identified the following methods as acceptable methods of short circuit protection:
 1. Packaging each battery or each battery-powered device when practicable, in fully enclosed inner packagings made of non-conductive material;
 2. Separating or packaging batteries and battery-powered devices in a manner to prevent contact with other batteries, devices or conductive materials (e.g., metal) in the packagings; or
 3. Ensuring exposed terminals are protected with non-conductive caps, non-conductive tape, or by other appropriate means. Proper insulation includes taping the terminals of the batteries or packaging in individual plastic bags. Clear tape is preferred so that battery identification is still possible. Other forms of insulation may also be used.
- To prevent damage to terminals the US DOT has identified the following methods as acceptable methods for protecting battery terminals:
 1. Securely attaching covers of sufficient strength to protect the terminals;
 2. Packaging the battery in a rigid plastic packaging; or
 3. Constructing the battery with terminals that are recessed.
- Batteries that evolve gas and are packaged in drums, must have pressure relief bungs in the lids.
- All batteries should be stored in a cool, dry environment.
- Leaking batteries must be individually packaged and may require shipment as an EPA hazardous waste.
- Batteries secured to a pallet with shrink-wrap in accordance with 49 CFR §173.159(c)(1) are considered to be a single non-bulk package even if the completed package weighs more than 400 kg (882 pounds). Therefore, marking and labeling should be in accordance with the non-bulk packaging requirements found under §172.301 and §172.400.
- Incident reporting in accordance with §171.16 is required for ALL incidents involving shipments of batteries or battery-powered devices including fire, violent rupture, explosion, or a dangerous evolution of heat. This requirement applies to all battery shipments, including batteries that are prepared as excepted from the HMR requirements.

ALKALINE



TYPICAL USES: Flashlights, cameras, portable radios, audio players, and toys.

COMPOSITION: Alkaline batteries have a zinc anode and a manganese dioxide cathode. The electrolyte used in an alkaline battery is a paste of either potassium hydroxide or sodium hydroxide. Each of these components, along with conductors and separators are then assembled into or contained within a hermetically sealed unit.

US DOT DESCRIPTION:

Proper Shipping Name	Batteries, dry, sealed, n.o.s.
Hazard Class	N/A (NONE)
Identification Number	N/A
Packing Group	N/A

US DOT PACKAGING REQUIREMENTS: 49 CFR §172.102 Special Provision 130

All dry cell batteries must be prepared and packaged in a manner to prevent:

1. A dangerous evolution of heat,
2. Short circuits, and
3. Damage to terminals

Batteries must be packaged in strong outer packagings or, if large enough, firmly secured to pallets capable of withstanding the shocks normally incident to transportation.

US EPA REGULATIONS: Since this class of battery does not fall the TCLP nor does it contain any free liquids, it is not classified as a hazardous waste as defined by the US EPA and as such, is not subject to the universal waste requirements. Individual states may adopt more stringent regulations than the federal regulations; therefore, alkaline batteries may be classified as a universal waste in some states.

I – 3. April & May HCW Collection Results

BACKGROUND: SWALCO conducted six HCW collection events during the months of April and May. Three events were conducted in April, one mobile event (Fox Lake) and two public drop-off events. Three collections are scheduled for May, one mobile event (Vernon Hills) and two public drop-off events.

Listed below are three comparison tables. The first two tables compare the two most recent events held in Fox Lake and Vernon Hills respectively. The third table summarizes the public drop-off events held at our Gurnee facility during this period.

Fox Lake Streets Dept. – Fox Lake			
Item	2009 Results	2007 Results	Difference
Vehicles	215	289	-74
Households	237	333	-96
Fox Lake Residents	55 (26%)	70 (24%)	-15
1 st Timers	92 (43%)	109 (38%)	-17
Oil/Antifreeze	440 gals.	990 gals.	-550 gals.
Containerized Waste	Est. 23,500 lbs.	Est. 20,630 lbs.	Est. + 2,870 lbs.

Vernon Hills Metra Station – Vernon Hills			
Item	May 2009 Results	May 2008 Results	Difference
Vehicles	673	653	+20
Households	742	720	+22
Vernon Hills Residents	244 (36%)	231 (35%)	+13
1 st Timers	199 (30%)	225 (35%)	-26
Oil/Antifreeze	550 gals.	495 gals.	+ 55 gals.
Containerized Waste	Est. 34,800 lbs.	Est. 36,640 lbs.	Est. -1,840 lbs.

Public Drop-off Events - Gurnee			
Date	# of Cars	# of Households	Duration
Saturday – April 11 th	80	92	5hrs.
Wednesday – April 22 nd	55	66	5.5hrs.
Saturday – May 9 th	93	102	5hrs.
Monday – May 18 th	80	98	5.5hrs.

Four collection events are scheduled for June, one mobile event (Lake Zurich - June 6th) and three public drop-off events (June 13th, June 22nd and June 27th).

ENCLOSED DOCUMENTS: None

STAFF: Steve Nelson, Household Chemical Waste Engineer

I – 4. 1st Quarter 2009 Recycling and Per Ton Payment Report

BACKGROUND: Attached is the reported tabulations of curbside recyclable material tonnage, by member community, for the first quarter of 2009. Tonnage totals are reported by quarter. The information is provided by refuse hauling companies servicing customers in Lake County.

The 2007 and 2008 tonnage figures are listed for comparison purposes. First quarter 2009 shows that 14,160.21 tons of recyclables were collected from Lake County communities. Compared to previous year's 1st quarter totals, Lake County communities have generated approximately 8% less material than was reported for the first quarter of 2008.

Staff believes that the overall decline in the national economy coupled with home vacancy in some of our member communities is a key factor to the decrease in volume of materials collected

The Village of Mundelein initiated a cart collection program on May 1, 2009. Lake County now has twenty-four municipalities and three townships collecting recyclables utilizing cart based single stream programs.

As reported at the January Board of Directors meeting, the market values of all recyclable commodities have lost between 50 to 75 percent of their value since October of 2008. Due to these unprecedented circumstances, the Agency Members Per Ton Payment Program did not realize a positive value for the 1st quarter of 2009 so subsequently Members participating in the Per Ton Payment program will not receive payment from the 1st quarter 2009.

Looking forward into 2009 shows indicators of a fragile commodities market that has at best flattened out. If this holds for the following three months, it will mean that members will not receive any per ton payment from the second and third quarters of 2009. In order for any payments the quarterly average blended index must be at \$50.00 or higher.

ENCLOSED DOCUMENTS: Municipal Summary Table - 2009 Recycling Volumes, SWALCO Members Per Ton Payment Summary 1st Qtr. 2009, Quarterly Single Stream Value Calculation for SWALCO Contract Rebate Q1 2009.

STAFF: Peter Adrian, Recycling Coordinator.

Solid Waste Agency of Lake County
MUNICIPAL SUMMARY TABLE - 2009 RECYCLING VOLUMES

MUNICIPALITY	SERVICE PROVIDER	1st Qtr 2009 TOTAL	1st Qtr 2008 TOTAL	1st Qtr 2007 TOTAL
ANTIOCH*	Waste Management, Inc. Antioch	299.48	328.71	359.40
BEACH PARK	Veolia Environmental Services. Waukegan	21.00	13.00	10.00
BEACH PARK	Waste Management, Inc. Antioch	8.41	8.76	9.90
BEACH PARK	Groot Industries	209.00	220.00	206.00
BEACH PARK	TOTAL	238.41	241.76	225.90
DEERFIELD*	Veolia Environmental Services. Northbrook	594.75	684.94	675.06
DEER PARK	Groot Industries	130.97	116.08	97.31
FOX LAKE	Waste Management, Inc. Antioch	112.01	119.86	124.60
GRAYSLAKE*	Waste Management, Inc. Antioch	577.32	757.45	778.20
GRAYSLAKE Drop-Off	Waste Management, Inc. Antioch	21.71	22.92	32.40
GRAYSLAKE*	TOTAL	599.03	780.37	810.60
GREEN OAKS*	Groot Industries	102.00	119.00	113.00
GURNEE*	Waste Management, Inc. Antioch	804.61	874.87	882.70
HAINESVILLE*	Veolia Environmental Services. Waukegan	51.44	56.00	84.00
HAWTHORN WOODS*	Waste Management, Inc. Wheeling	410.31	481.51	378.00
HIGHLAND PARK	Veolia Environmental Services. Northbrook	1,046.17	1,170.90	1,153.26
ISLAND LAKE	Waste Management, Inc. Antioch	208.46	217.02	206.50
KILDEER*	Waste Management, Inc. Wheeling	195.38	164.95	191.00
LAKE BARRINGTON	Waste Management, Inc. Antioch	132.62	205.24	203.40
LAKE BLUFF	Waste Management, Inc. Antioch			177.20
LAKE BLUFF Drop-Off	Waste Management, Inc. Antioch			37.10
LAKE BLUFF*	Groot Industries	233.93	304.72	
LAKE BLUFF Drop-Off	Groot Industries	14.34	15.72	
LAKE BLUFF*	TOTAL	248.27	320.44	214.30
LAKE FOREST	Municipal Collection	540.80	490.57	473.11
LAKE VILLA*	Waste Management, Inc. Antioch	109.30	132.21	121.61
LAKE ZURICH*	Waste Management, Inc. Wheeling	703.28	868.13	870.00
LIBERTYVILLE	Groot Industries	612.00	597.00	595.00
LINCOLNSHIRE*	Waste Management, Inc. Wheeling	200.51	251.29	185.00
LINDENHURST*	Jensen Disposal	409.00	487.00	462.00
LONG GROVE	Waste Management, Inc. Wheeling	231.24	266.31	280.00
MUNDELEIN	Groot Industries	841.00	849.00	822.00
NORTH BARRINGTON	Waste Management, Inc. Antioch	106.68	149.75	133.30
NORTH CHICAGO	Veolia Environmental Services. Waukegan	161.22	190.00	173.00
GLNTC Housing	Waste Management, Inc. Antioch	42.06	38.07	27.30
PARK CITY*	Groot Industries	31.00	31.00	29.00
PORT BARRINGTON*	Waste Management, Inc. Antioch	16.91	24.06	40.60
RIVERWOODS	Waste Management, Inc. Wheeling	134.64	231.28	174.00
ROUND LAKE*	Waste Management, Inc. Antioch	392.43	410.06	394.40
ROUND LAKE BEACH*	Waste Management, Inc. Antioch	603.74	631.72	615.60
ROUND LAKE PARK*	Veolia Environmental Services. Waukegan	116.79	89.00	87.00
ROUND LAKE HEIGHTS*	Groot Industries	70.00	78.00	73.00
THIRD LAKE*	Waste Management, Inc. Antioch	34.63	40.39	48.90
TOWER LAKES	Waste Management, Inc. Antioch	38.49	49.35	48.15
VERNON HILLS*	Veolia Environmental Services. Waukegan	533.28	617.00	633.00
WADSWORTH	Groot Industries	110.00	103.00	97.00
WAUCONDA*	Waste Management, Inc. Antioch	271.33	288.62	315.30
WAUKEGAN	Veolia Environmental Services. Waukegan	565.59	552.00	580.00
WINTHROP HARBOR*	Groot Industries	215.00	82.00	
WINTHROP HARBOR*	Veolia Environmental Services. Waukegan		147.00	147.00
WINTHROP HARBOR*	TOTAL	215.00	229.00	147.00
ZION	Veolia Environmental Services. Waukegan	155.52	198.00	110.00
LAKE COUNTY	Veolia Environmental Services. Northbrook	76.04	98.06	83.70
LAKE COUNTY	Waste Management, Inc. Antioch	803.63	945.33	1,077.06
LAKE COUNTY	Waste Management, Inc. Wheeling	236.19	0.00	22.00
LAKE COUNTY	Groot Industries	624.00	589.00	549.00
LAKE COUNTY	TOTAL	1,739.86	1,632.39	1,731.76
TOTALS		14,160.21	15,405.85	14,986.06

*Municipalities Utilizing Recycling Carts

1st Quarter 2009
Per Ton Payment Summary

SWALCO MEMBERS DIRECTING TO WMRA	1st Qtr. 2009 TONS	Per Ton Payment @ \$0.00 Per Ton
ANTIOCH*	299.48	\$0.00
ELA TOWNSHIP*	222.11	\$0.00
FOX LAKE	112.01	\$0.00
GRAYSLAKE*	599.03	\$0.00
GREEN OAKS*	102.00	\$0.00
GURNEE*	804.61	\$0.00
HAINESVILLE*	51.44	\$0.00
HAWTHORN WOODS*	410.31	\$0.00
HIGHLAND PARK	1,046.17	\$0.00
ISLAND LAKE	208.46	\$0.00
KILDEER*	195.38	\$0.00
LAKE BARRINGTON	132.62	\$0.00
LAKE BLUFF*	248.27	\$0.00
LAKE VILLA*	109.30	\$0.00
LAKE ZURICH*	703.28	\$0.00
LIBERTYVILLE	612.00	\$0.00
LINCOLNSHIRE*	200.51	\$0.00
LINDENHURST*	409.00	\$0.00
LONG GROVE	231.24	\$0.00
MUNDELEIN	841.00	\$0.00
NORTH BARRINGTON*	106.68	\$0.00
PARK CITY*	31.00	\$0.00
PORT BARRINGTON*	16.91	\$0.00
RIVERWOODS	134.64	\$0.00
ROUND LAKE*	392.43	\$0.00
ROUND LAKE BEACH*	603.74	\$0.00
ROUND LAKE HEIGHTS	70.00	\$0.00
ROUND LAKE PARK*	116.79	\$0.00
THIRD LAKE*	34.63	\$0.00
TOWER LAKES	34.49	\$0.00
VERNON HILLS*	533.28	\$0.00
WADSWORTH	110.00	\$0.00
WAUCONDA*	271.33	\$0.00
WINTHROP HARBOR*	215.00	\$0.00
TOTALS	10,209.14	\$0.00

* Utilizing Recycling Carts

Blended Index Pricing		Per Ton Payment
January 2009	\$26.32	
February 2009	\$31.86	
March 1, 2009	\$39.03	
Three Month Average	\$32.40	\$0.00

Quarterly Single Stream Value Calculation for the SWALCO Contract Rebate
Q1 2009

Commodity/Material	Source	%	January Per Ton \$	January Value	February Per Ton \$	February Value	March Per Ton \$	March Value	Quarter Average Value
ONP #8	OBM Chicago HS	47.00%	\$ 30.00	\$ 14.10	\$ 30.00	\$ 14.10	\$ 40.00	\$ 18.80	\$ 15.67
OCC	OBM Chicago HS	6.00%	\$ 20.00	\$ 1.20	\$ 30.00	\$ 1.80	\$ 40.00	\$ 2.40	\$ 1.80
Mixed Paper	OBM Chicago HS	13.00%	\$ 5.00	\$ 0.65	\$ 15.00	\$ 1.95	\$ 20.00	\$ 2.60	\$ 1.73
Three-Mix Glass	Actual	16.00%	\$ (23.78)	\$ (3.80)	\$ (23.78)	\$ (3.80)	\$ (23.78)	\$ (3.80)	\$ (3.80)
Tin	Waste News HS	2.20%	\$ 50.00	\$ 1.10	\$ 50.00	\$ 1.10	\$ 50.00	\$ 1.10	\$ 1.10
Aluminum	Waste News HS	1.00%	\$ 900.00	\$ 9.00	\$ 900.00	\$ 9.00	\$ 900.00	\$ 9.00	\$ 9.00
PET	Waste News HS	2.50%	\$ 100.00	\$ 2.50	\$ 180.00	\$ 4.50	\$ 220.00	\$ 5.50	\$ 4.17
HDPE Natural	Waste News HS	1.10%	\$ 300.00	\$ 3.30	\$ 340.00	\$ 3.74	\$ 360.00	\$ 3.96	\$ 3.67
HDPE Colored	Waste News HS	1.20%	\$ 200.00	\$ 2.40	\$ 300.00	\$ 3.60	\$ 300.00	\$ 3.60	\$ 3.20
Mixed Plastic Film	Actual	1.00%	\$ (41.25)	\$ (0.41)	\$ (41.25)	\$ (0.41)	\$ (41.25)	\$ (0.41)	\$ (0.41)
Residue	Actual	9.00%	\$ (41.25)	\$ (3.71)	\$ (41.25)	\$ (3.71)	\$ (41.25)	\$ (3.71)	\$ (3.71)
Total		100.00%		\$ 26.32		\$ 31.86		\$ 39.03	\$ 32.40

The quarterly rebate per ton is ... \$ -

Directed SWALCO tons for the quarter as reported by SWALCO > 10,209.14

Total Rebate due to SWALCO > \$ -

Schedule of Rebate Payments to SWALCO on Directed Volumes
For Contract Period 1/1/2009 to 12/31/2012

If the Stream Value is ...
at least ... \$ 0.00 but no more than \$ 49.99 then the rebate per ton is ... \$ 0.00
at least ... \$ 50.00 but no more than \$ 59.99 then the rebate per ton is ... \$ 2.50
at least ... \$ 60.00 but no more than \$ 69.99 then the rebate per ton is ... \$ 5.00
at least ... \$ 70.00 but no more than \$ 79.99 then the rebate per ton is ... \$ 7.50
at least ... \$ 80.00 but no more than \$ 89.99 then the rebate per ton is ... \$ 10.00
at least ... \$ 90.00 but no more than \$ 99.99 then the rebate per ton is ... \$ 15.00
at least ... \$ 100.00 but no more than \$ 109.99 then the rebate per ton is ... \$ 18.00
at least ... \$ 110.00 but no more than \$ 119.99 then the rebate per ton is ... \$ 21.00
at least ... \$ 120.00 but no more than \$ 129.99 then the rebate per ton is ... \$ 24.00
at least ... \$ 130.00 but no more than \$ 139.99 then the rebate per ton is ... \$ 36.00
at least ... \$ 140.00 but no more than \$ 149.99 then the rebate per ton is ... \$ 40.00
at least ... \$ 150.00 but no more than \$ 159.99 then the rebate per ton is ... \$ 44.00
at least ... \$ 160.00 but no more than \$ 169.99 then the rebate per ton is ... \$ 48.00
at least ... \$ 170.00 but no more than \$ open then the rebate per ton is ... (stream value less \$50) X 50%)

I – 5. 2008 Illinois EPA Municipal Waste and Recycling Survey

BACKGROUND: Attached for your review is a copy of a report submitted to the Illinois EPA. This report is submitted annually and published in the state's Annual Disposal Capacity Report. This represents the final recycling tonnage report for 2008.

State law defines the type of materials that may be counted in determining the recycling rate. They include residentially generated waste, commercial and industrial waste (excluding manufacturing waste volumes) and non-clean construction and demolition debris. In order to show compliance with Illinois law, Agency staff have surveyed and compiled reported volumes of recycled materials from local haulers, commercial businesses, landscape waste sites and commercial generators of municipal waste. This data is factored against our per-capita waste generation rate to determine the total recycling rate for Lake County.

Tabulation of recycling volumes submitted from federal installations, commercial businesses, corporate entities, landscape waste sites and construction and demolition waste processors have been added to municipal recycling tonnage for calculation of the Lake County recycling rate as reported to the Illinois EPA. Waste generation is based on a 7.51 pound per-capita per-day average as determined by the 2004 Lake County Solid Waste Plan Update.

2008 total recycled tonnage reported to the Agency was 478,383 tons. Factoring this figure against to total volume of municipal waste generated (976,470 tons) results in a 50% recycling rate for Lake County in 2008. This percentage exceeds the State's mandated 25% recycling goal by a significant margin.

The Agency will continue to monitor its recycling rate on an annual basis and recognize the commitment the County's residents and businesses have made to recycling and waste reduction.

ENCLOSED DOCUMENTS: Illinois EPA 2008 Municipal Waste and Recycling Survey, Recycling and Waste Generation Comparison Graphs.

STAFF: Peter Adrian, Recycling Coordinator.

Note: We request that this voluntary survey be returned to Ellen Robinson at the Illinois EPA by fax at 217782-9290 or by mail, using the enclosed envelope, on or before March 16, 2009.

Information will be published in the Illinois EPA's Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 2008, 22nd Annual Report. If you have any questions, contact Ellen Robinson at 217782-9288 or e-mail ellen.robinson@illinois.gov.

ILLINOIS EPA MUNICIPAL WASTE RECYCLING SURVEY

I. General Information

The left column in each section presents the most current Illinois EPA information from your Waste Management Plan or Plan Update from the information you provided last year; use the right column to provide the most recent data available.

Current Information:	Updated Information:
County: <u>Lake</u>	County: _____
IEPA Region: <u>2</u>	IEPA Region: _____
Contact: <u>Mr. Peter Adrian</u>	Contact: _____
Title: <u>Recycling Coordinator</u>	Title: _____
Address: <u>Solid Waste Agency of Lake County</u>	Address: _____
<u>1311 N. Estes St.</u>	_____
City: <u>Gurnee, IL</u>	City: _____
Zip Code: <u>60031-2242</u>	Zip Code: _____
Phone: <u>847-336-9340 ext. 3</u>	Phone: _____
Fax: <u>847-336-9374</u>	Fax: _____
E-mail: <u>padrian@swalco.org</u>	E-mail: _____

II. Municipal Waste (MW) Generation Information

Current Information:	Updated Information: ⁽¹⁾
<u>710,241</u> 1. Population	<u>712,453</u> 1. Population
<u>7.51</u> 2. MW generation rate, pcd	<u>7.51</u> 2. MW generation rate, pcd
<u>973,439</u> 3. Total MW generated, tons	<u>976,470</u> 3. Total MW generated, tons ⁽²⁾
<i>For (3.), either (a) multiply (the population (1.) by the MW generation rate (2.) x 365 days) and divide by 2000 lbs/ton or (b) total each category of municipal waste derived from your report.</i>	
<u>,2007</u> 4. Time frame for above information	<u>1/1/2008 – 12/31/2008</u> 4. Time frame for above information

⁽¹⁾ The updated information was obtained from the following source(s) (e.g., plan update, surveys, reporting forms):

(1) U.S. Census Bureau 2008 data.

(2) Solid Waste Agency of Lake County 2004 Solid Waste Management Plan Update.

⁽²⁾ Indicate which method (a) or (b) was used to obtain total MW generated: (a)

III. Recycling Information																
Current Information:	Updated Information: ⁽¹⁾															
535,208	5. Total MW recycled, tons															
55.0	6. % of total MW recycled															
For (6.), divide the total tons of MW recycled (5.) by the total MW generated (3.) and multiply this number by 100.																
2007	7. Time frame for above information															
<p>(1) The updated information was obtained from the following source(s) (e.g., plan update, surveys, reporting forms):</p>																
<p>IV. Indicate Which Materials Are Being Included in the Calculation of the Recycling Rate:</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Aluminum</td> <td><input checked="" type="checkbox"/> Glass</td> <td><input checked="" type="checkbox"/> Paper (including OCC, paperboard, newspaper, magazines, junk mail...)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Batteries, Household</td> <td><input checked="" type="checkbox"/> Landscape Waste</td> <td><input checked="" type="checkbox"/> Plastics</td> </tr> <tr> <td><input checked="" type="checkbox"/> Batteries, Lead Acid</td> <td><input checked="" type="checkbox"/> Metals (including white goods and computers)</td> <td><input checked="" type="checkbox"/> Tires (that are not incinerated)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Commingled Recyclables</td> <td><input checked="" type="checkbox"/> Paint, Latex (that is recycled, not fuel-blended)</td> <td><input checked="" type="checkbox"/> Other Recyclables (please list)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Construction/Demo. Debris</td> <td></td> <td>Scrap Electronics</td> </tr> </table>		<input checked="" type="checkbox"/> Aluminum	<input checked="" type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper (including OCC, paperboard, newspaper, magazines, junk mail...)	<input checked="" type="checkbox"/> Batteries, Household	<input checked="" type="checkbox"/> Landscape Waste	<input checked="" type="checkbox"/> Plastics	<input checked="" type="checkbox"/> Batteries, Lead Acid	<input checked="" type="checkbox"/> Metals (including white goods and computers)	<input checked="" type="checkbox"/> Tires (that are not incinerated)	<input checked="" type="checkbox"/> Commingled Recyclables	<input checked="" type="checkbox"/> Paint, Latex (that is recycled, not fuel-blended)	<input checked="" type="checkbox"/> Other Recyclables (please list)	<input checked="" type="checkbox"/> Construction/Demo. Debris		Scrap Electronics
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<p>V. Reporting Ordinances</p> <p>If your jurisdiction has enacted, or will enact, any (mandatory) reporting ordinances, please mark the appropriate boxes</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Residential Ordinances, effective:</td> <td>1/1/1999</td> </tr> <tr> <td><input checked="" type="checkbox"/> Commercial Ordinance, effective:</td> <td>1/1/2006</td> </tr> <tr> <td><input type="checkbox"/> Developing Residential Ordinance:</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Developing Commercial Ordinance</td> <td></td> </tr> </table>		<input checked="" type="checkbox"/> Residential Ordinances, effective:	1/1/1999	<input checked="" type="checkbox"/> Commercial Ordinance, effective:	1/1/2006	<input type="checkbox"/> Developing Residential Ordinance:		<input type="checkbox"/> Developing Commercial Ordinance								
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<p>VI. Comments</p>																

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		Scrap Electronics

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V. **Reporting Ordinances**
If your jurisdiction has enacted, or will enact, any (mandatory) reporting ordinances, please mark the appropriate boxes

☒ Residential Ordinances, effective: 1/1/1999

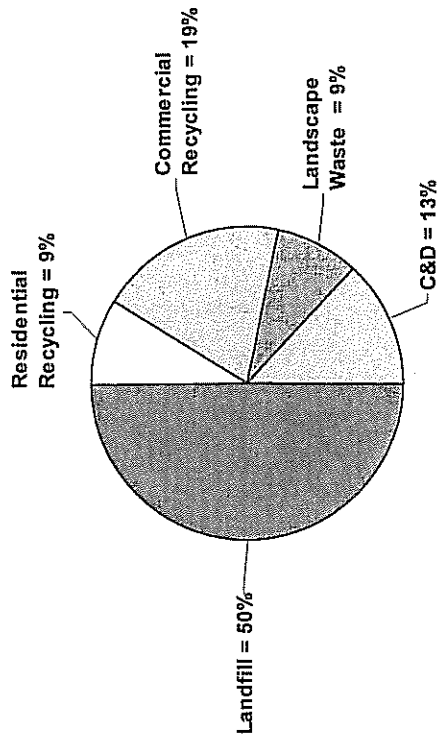
☒ Commercial Ordinance, effective: 1/1/2006

☐ Developing Residential Ordinance: _____

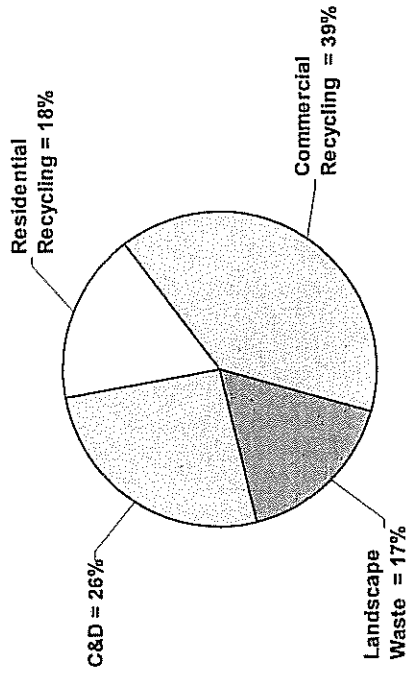
☐ Developing Commercial Ordinance: _____

VI.	Comments

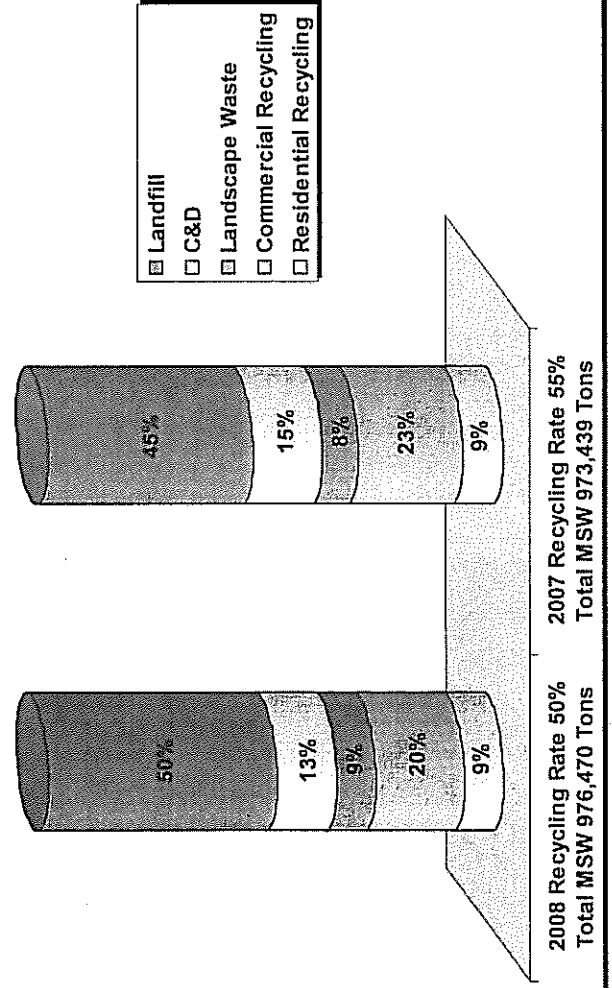
2008 LAKE COUNTY TOTAL MUNICIPAL SOLID WASTE STREAM Recycling Rate = 50%



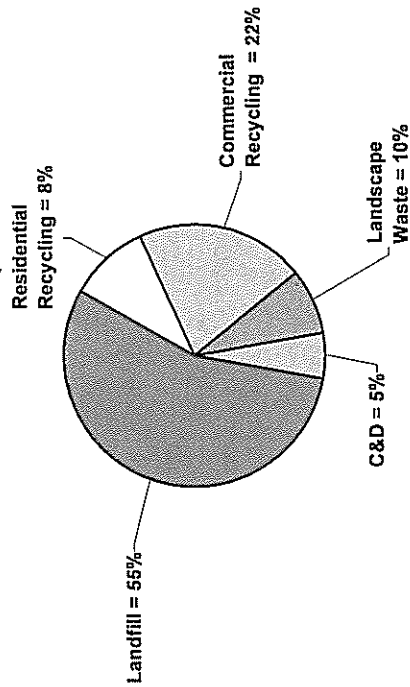
2008 LAKE COUNTY RECYCLING STREAM COMPOSITION



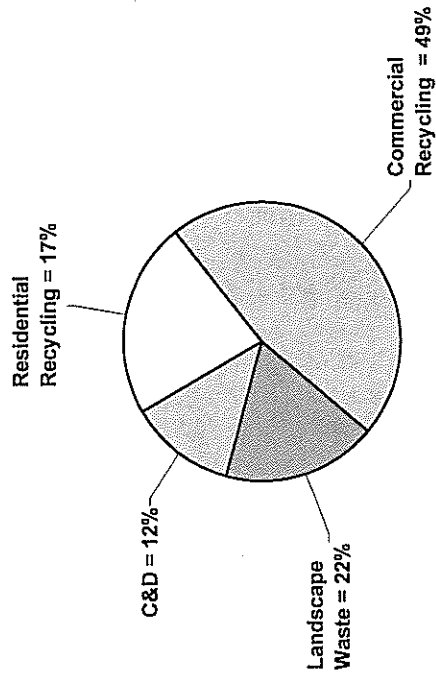
Lake County Municipal Solid Waste Generation Comparison



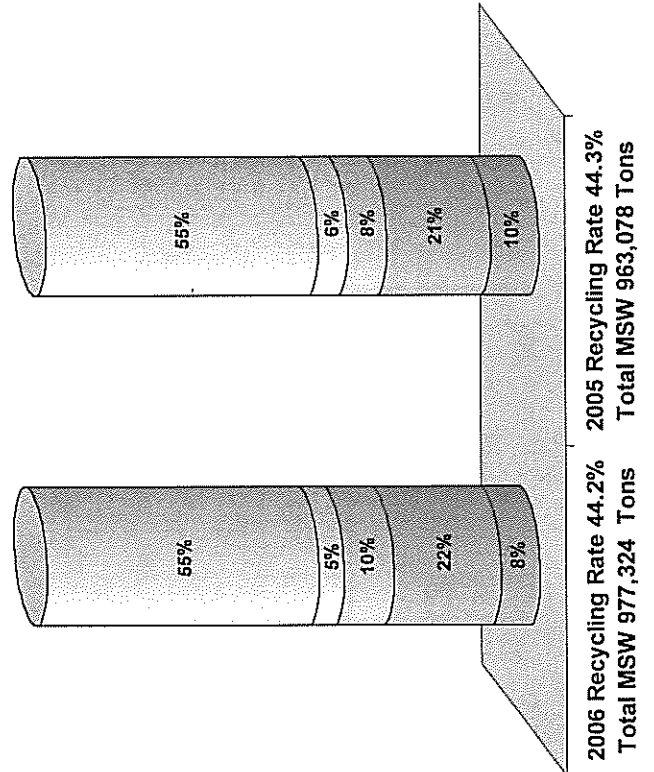
2006 LAKE COUNTY TOTAL MUNICIPAL SOLID WASTE STREAM Recycling Rate = 44%



2006 LAKE COUNTY RECYCLING STREAM COMPOSITION



Lake County Municipal Solid Waste Generation Comparison



I – 6 Budget Update

BACKGROUND: In anticipation of a more difficult budget cycle for FY 2010 I have prepared a couple of scenarios (see attachment) regarding next year's budget. The primary factor impacting the budget is the continued decrease in landfill volumes and the accompanying decrease in revenue from the local surcharge. Here is a breakdown of revenues from the two landfills for county fiscal years 2005-2008:

<u>Landfill</u>	<u>2005 Revenue</u>	<u>2006 Revenue</u>	<u>2007 Revenue</u>	<u>2008 Revenue</u>
Countryside LF	\$537,286	\$513,610	\$497,598	\$469,302
Zion LF	\$761,116	\$745,615	\$728,092	\$618,641
Total	\$1,298,402	\$1,259,225	\$1,225,690	\$1,087,943

Since 2005 we have seen a drop in annual revenue of \$210,459 or approximately 16%. Based on the trend for the first four months of this county fiscal year, landfill volumes are down again from 2008 by 5% at Countryside LF and 7% at Zion LF.

We have cut expenses over the past several years as well, from approved budget expenditures of \$1,213,380 for FY 2007 to \$1,132,050 for FY 2009 (even accounting for increases in salaries, benefits and county indirect fees).

As the attachment shows, with the expected continued decreases in revenues and other budgetary increases and decreases as noted, SWALCO is projected to have a budget deficit of \$52,427 under scenario 1 (no impact from the Crystal Lake TS) and a deficit of \$141,325 under scenario 2 (with impact from Crystal Lake TS).

If our goal is to continue to balance the budget (we did approve a slight budget deficit this fiscal year) or come very close to balancing our budget without relying on the fund balance, we will need to make some significant cuts in our expenditures and/or find new sources of revenue. I plan to present you with a draft budget this August so we will have plenty of time to discuss it prior to approving it in October.

ENCLOSED DOCUMENTS: Spreadsheet showing two budget scenarios for FY 2010

STAFF: Walter Willis, Executive Director

SWALCO Budget Projection for FY 2010, Scenario 1 - No impact from Crystal Lake TS								
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[illegible]

SWALCO Budget Projection for FY 2010, Scenario 2 - With impact from Crystal Lake TS													
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[illegible]

I – 7. Amendment to the SWALCO Intergovernmental Agreement

BACKGROUND: The intergovernmental agreement forming SWALCO was approved in 1990 and has been amended twice since then. In accordance with Section 11 of the Agreement, all members of the Agency must approve the proposed amendment for it to be effective.

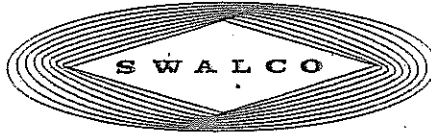
I believe there are two issues that need to be addressed that would require amending the Agreement. These issues are:

1. Section 8.9 of the Agreement and Article IV, Section 1 of the By-Laws address the composition of the Executive Committee (see attached excerpts from both documents). Of the nine members on the Committee, three members must be from members with a population of more than 30,000. The By-Laws further state that one of those three members shall be Lake County, which leaves two open seats. In the past there were only two members that met the population criterion – Waukegan and Highland Park. Now we have up to three more members that could qualify – Gurnee, Mundelein, and North Chicago. Our current Agreement or By-Laws do not directly address how to select the two other members who have 30,000 or more people when we have more than two such members. We have several options to address this: 1) expand the size of the Committee to include all members with 30,000 or more people, 2) appoint the two members with the highest population counts based on federal census data, or 3) open the seats up to an nomination/election process and select two from the list of nominated/interested members. There may be other options as well that the members may suggest.
2. Section 8.2 of the Agreement (see attached excerpt) addresses the appointment of Directors and Alternates to the SWALCO Board of Directors. A Director must be either the Mayor or Village President; a trustee, council member, alderman or commissioner (an elected board member in essence); or the chief administrative officer of the member (this I believe has been interpreted to mean the Village/City Manager). At some point during my predecessor's term, a fourth category was deemed acceptable – chief administrative officer responsible for solid waste matters. This fourth category was never included in the Agreement, yet we now have over 20 Directors or Alternates who meet the fourth category, but not the three in the Agreement. Typically these people are assistant village managers, public works directors, village clerks or some other employee of the member. I believe we need to make our practice consistent with our Agreement, and further clarify what is meant by the "chief administrative officer for solid waste matters".

My goal is to discuss this at both the Executive Committee meeting and the June 2009 Board of Directors meeting and get feedback from the members on both issues. I will then attempt to develop new language (with Larry Clark's assistance) that reflects that feedback and present it to both the Executive Committee and the Board of Directors for final approval. After that each member must pass an ordinance accepting the amendment in order for it to be effective.

ENCLOSED DOCUMENTS: Excerpts from the Intergovernmental Agreement and the By-Laws.

STAFF: Walter Willis, Executive Director



SOLID WASTE AGENCY
OF LAKE COUNTY, IL

AGREEMENT
ESTABLISHING THE
SOLID WASTE AGENCY
OF
LAKE COUNTY, ILLINOIS
(SWALCO)

Approved JULY 1, 1990
Amended AUGUST 27, 1992
Amended JUNE 26, 1997

(w) To adopt By-Laws to govern the function and operation of the Agency;

(x) To review and, from time-to-time, prepare and recommend amendments to the Plan in furtherance of the Agency's responsibilities pursuant to this Agreement and applicable provisions of State law, as delegated by the County of Lake; and


(y) To make grants of money and render technical assistance to any Member or other party relative to matters of solid waste disposal.

7.2 The Agency shall have no taxing power.

7.3 Upon request from the Agency, each Member shall formally consider the exercise of its power of eminent domain to obtain property, easements, rights-of-way or other interests in property within such Member's Jurisdiction which are necessary for, and consistent with, the implementation of the Plan adopted by each such Member and the purposes of the Agency. Should such Member favorably consider exercising said eminent domain power, the Agency shall be responsible for paying such Member for its costs and expenses incurred in the performance of its obligations pursuant to the terms hereunder, including any required payments to the owner(s) of such property, easements, rights-of-way, or other property interest.

Section 8. Governance

8.1 The Agency shall be governed and administered as provided in this Section and in the By-Laws, adopted pursuant to, and subject to the limitations of, this Agreement.

 8.2 The governing body of the Agency shall be the Board of Directors. There shall be one Director for each Member, who shall be appointed by vote of the corporate authorities of the Member and who at the time of appointment


shall be: (i) the Mayor or President of a Member (if such Member is a municipality) or the Chairman of the Board (if such Member is the County); (ii) a Trustee, Councilperson, or Alderman (if such Member is a municipality) or a Board Member (if such Member is the County); or (iii) the chief administrative officer of the Member. The term of each initial Director shall begin when he or she is appointed and shall continue until April 30, 1993 or until his or her successor is appointed, whichever is earlier. Thereafter, all Directors shall be appointed for two-year terms expiring on April 30 of odd numbered years. Except as provided in paragraph 8.4, a person serving as a Director shall serve until his or her term expires, and thereafter until his or her respective successor is appointed. Each Director shall have one vote on the Board of Directors.

8.3 Any Member may appoint one or more persons to serve as the Alternate Director. Any such appointee shall meet the qualifications for office as a Director established in paragraph 8.2. The Alternate Director may attend any meeting of the Board of Directors and may vote as the Director in the absence of the Director from that Member or if there is a vacancy in the position of Director from that Member. The term of an Alternate Director shall be the same as the term of the Director from the appointing Member. Except as provided in paragraph 8.4, a person serving as Alternate Director shall serve until his or her term expires and thereafter until the successor is appointed.

8.4 All appointments of Directors and Alternate Directors shall be by ordinance or resolution of the corporate authorities of the appointing Member, a certified copy of which shall be filed with the Secretary of the Agency. Should any Director or Alternate Director cease to serve as the President, Mayor, Chairman, elected member of the corporate authorities or chief administrative officer of the appointing member, that person shall simultaneously

8.7 Except as a greater majority is otherwise provided in this Agreement or the By-laws, actions required by law or by this Agreement to be taken by the Board of Directors shall be taken by an affirmative vote of a majority of the then Directors.

8.8 Upon the written request of any Director, any matter with respect to the Agency shall be placed on the agenda of the Board of Directors.

 8.9 There is established an Executive Committee of the Agency. The Executive Committee shall consist of seven (7) Directors if the Agency is composed of twenty (20) Members or less and nine (9) Directors if the Agency is composed of twenty-one (21) Members or more. The Executive Committee shall be selected by vote of the Board of Directors of the Agency. If the Executive Committee consists of seven (7) Directors, the persons appointed to the Executive Committee shall include two (2) persons who are Directors from Members having a population of more than 30,000 persons, provided that there are two (2) Members having such population. If the Executive Committee consists of nine (9) Directors, the persons appointed to the Executive Committee shall include three (3) persons who are Members having a population of more than 30,000 persons, provided that there are three Members having such population. Population shall be determined on the basis of the most recent federal census or, if available, a more recent corrected, revised, or special federal census as reported in Illinois Counties and Municipalities, dated June 1, 1989 and published by the Secretary of State of the State of Illinois. The terms of office of members of the Executive Committee shall be established in the By-laws. With the consent of the Member, a specified Alternate Director for that Member may be elected to the Executive Committee on behalf of that Member. The Executive Committee, by an affirmative vote of a majority of the then Committee members, may take any action with respect to the Agency which the

Solid Waste Agency
of
Lake County, Illinois

BY-LAWS

Amended and Approved

December, 1993

May, 1997

June 1997

August 25, 2005

receipts from the Treasurer of Lake County and shall additionally perform those duties prescribed by the Agreement Establishing the Solid Waste Agency of Lake County.

SECTION 9. Liability for Loss of Deposits

No officer of the Agency shall be liable for any loss of the money deposited in an approved depository which loss occurs by reason of any failure or default of the depository, as long as all deposits were made in accordance with state law.

ARTICLE IV

EXECUTIVE COMMITTEE

SECTION 1. Members and Powers

The Executive Committee shall be comprised of nine (9) Directors (or Alternate Directors) as provided in the Agreement and shall exercise those powers as specified in the Agreement and the By-Laws. If any member of the Executive Committee ceases to serve as the President, Mayor, Chairman, elected member of the corporate authorities or chief administrative officer of the Member jurisdiction which appointed such person, becomes incapacitated or is otherwise removed as a member of the Executive Committee by the Board of Directors that seat on the Executive Committee shall be vacant until a successor is appointed by the Board of Directors. (See Section 8.9 of the Agreement for further treatment of the Executive Committee.)

- * (i) The three Directors, including one Director from Lake County and two Directors from Members having a population of more than 30,000, shall serve two-year terms with the initial

term ending May 2006.

(ii) The terms of the remaining six (6) Members of the Executive Committee shall expire on the third Thursday of April, 1994 and they shall serve until the end of their respective terms for the Executive Committee and thereafter until their respective successors are elected. Three (3) Directors shall serve terms of one (1) year, beginning with their election in 1994. Subsequent terms for these three (3) seats shall be for two (2) years, beginning with their election in 1994. Subsequent terms for these three (3) seats shall be for two (2) years. The initial terms of these remaining six (6) Directors shall be chosen by lot.

SECTION 2. Voting

Votes on the Executive Committee may be cast only by the members of the Committee in attendance at its meetings, the members of the Committee may vote by electronic means if his/her presence meets all requirements of the Illinois Open Meetings Act (5 ILCS 120 *eq seq*). No proxy voting shall be permitted.

SECTION 3. Officers of the Executive Committee

The Executive Committee shall elect from among its members a Chairman and Vice Chairman of the Executive Committee. Such officers shall serve until the end of their term and thereafter until their respective successors are elected. The term of office for those positions shall be two years. The term of the first persons elected as such officers shall expire on the third

